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| Notice of Allowability | Application No. | Applicant(s) |
| | 09/761,771 | GLIGOR ET AL. |
| | Examiner | Art Unit |
| | Tongoc Tran | 2134 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 5/31/2005.
2. The allowed claim(s) is/are 1-82.
3. The drawings filed on 18 January 2001 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 11/13/2001
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Ellis on May 27, 2005 and May 31, 2005.

In Claims:

In claim 1, on line 7, replaces "an MDC" with – "a Manipulation Detection Code (MDC)" --

on line 8, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with -- "a non-cryptographic MDC" --

In claim 28, on line 10, replaces "one MDC" with -- "one Manipulation Detection Code MDC" --

on line 16, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with -- "a non-cryptographic MDC" --

In claim 29, on line 16, replace "an MDC" with -- "a MDC" --

on line 17, replaces "the non-cryptographic Manipulation Detection Code" with -- "the non-cryptographic MDC" --

In claim 47, on line 2, after “comprising:”, inserts - - “at least one computer-readable medium having computer-readable program code embodied therein or among them if more than one medium, capable of being executed by a computer, comprising:”

- -

on line 7, replaces “an MDC” with - - “a manipulation Detection Code (MDC)” - -
on line 8, replaces “a non-cryptographic Manipulation Detection Code (MDC)”
with - - “a non-cryptographic MDC” - -

In claim 49, on line 2, replaces “ an MDC” with - - “a MDC” - -

In claim 50, on line 2, after “comprising:”, inserts - - “at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:” - -

on line 8, replaces “one MDC” with - - “one Manipulation Detection Code (MDC)”
- -
on line 14, replaces “a non-cryptographic Manipulation Detection Code (MDC)”
with - - “a non-cryptographic MDC”- -.

In claim 52, on line 2, after “comprising:”, inserts - - “at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:” - -

on line 7, replaces “an MDC” with - - “a Manipulation Detection Code (MDC)” - -

on line 8, replaces “a non-cryptographic Manipulation Detection Code (MDC)”
with - - “a non-cryptographic MDC” - -

In claim 54, on line 2, replaces “an MDC” with - - “a MDC” - -

In claim 55, on line 2, after “comprising:”, inserts - - “at least one processor, and
a memory operatively connected thereto, wherein the at least one processor includes
therein, or among them if more than one processor, the following components:” - -

on line 7, replaces “one MDC” with - - “one Manipulation Detection Code (MDC)”

- -

on line 14, replaces “a non-cryptographic Manipulation Detection Code (MDC)”
with - - “a non-cryptograph MDC” - -

In claim 56, line 8, replaces “one MDC” with - - “one Manipulation Detection
Code (MDC)” - -

on line 19, replaces “the non-cryptographic Manipulation Detection Code” with - -
“the non-cryptographic MDC” - -

In claim 57, on line 2, after “comprising:”, inserts “at least one computer-
readable medium having computer-readable program code embodied therein or among
them if more than medium, capable of being executed by a computer, comprising:” - -

In claim 59, on line 2, after “comprising:”, inserts “at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:” - -

In claim 61, on line 2, after “comprising:”, inserts - - “at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:” - -

In claim 63, on line 2, after “comprising:”, inserts - - “at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:” - -

In claim 65, on line 6, replaces “an MDC” with - - “a Manipulation Detection Code (MDC)” - -

on line 6, replaces “a non-cryptographic Manipulation Detection Code (MDC) with - - “a non-cryptographic MDC” - -

In claim 71, on line 2, after “method steps”, inserts “at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:” - -

on line 7, replaces “an MDC” with - - “a Manipulation Detection Code (MDC)” - -

replaces "a non-cryptographic Manipulation Detection Code (MDC)"
with - - "a non-cryptographic MDC" - -

In claim 77, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -
on line 6, replaces "an MDC" with - - "a Manipulation Detection Code (MDC)" - -
on line 7, replaces "a non-cryptographic Manipulation Detection Code (MDC)"
with - - "a non-cryptographic MDC" - -

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tongoc Tran whose telephone number is (571) 272-3843. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (571) 272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner: Tongoc Tran
Art Unit: 2134

TT



May 31, 2005



David Y. Jung
Primary Examiner

also, David Jung
6/20/08